

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000530

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A61B 17/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 DWPI IPC A61B F16B and Keywords (shaft rod bolt, thread screw, second two dual multi plural twin double pair, cuff collar head sleeve, out exter, rotat turn, independent separat different distinct)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5827285 A (BRAMLET) 27 October 1998 Whole document	1, 2, 4, 9, 11-13
X	US 4858601 A (GLISSON) 22 August 1989 Whole document	1-4, 9
X	US 4640271 A (LOWER) 3 February 1987 Column 3, lines 47-51 and 62-66 Figs. 1-4	1, 4, 9
A	US 5498265 A (ASNIS et al) 12 March 1996 column 4, line 57 to column 5, line 41 Figs. 5-8, 11-15	

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
31 May 2004

Date of mailing of the international search report
- 3 JUN 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4456005 A (LICHTY) 26 June 1984 Whole document	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000530

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	5827285				
US	4858601				
US	4640271				
US	5498265	AU	15824/92	CA	2104680
		EP	0574517	EP	0611018
		US	5217462	WO	9215257
US	4456005			CA	2206764
				IE	920693
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					